REMARKS

Claims 1-12 are pending in the application with the present amendments. In the Office Action, the Examiner rejected claims 1-2, and 8 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 5,886,731 to Ebisawa ("*Ebisawa*"). Claims 3-5 were rejected under 35 U.S.C. §103 as being obvious over *Ebisawa*. In addition, claims 6-7 and 9-10 were rejected as being obvious over *Ebisawa* in view of U.S. Patent No. 6,229,895 to Son et al. ("*Son*"). For the reasons set forth below, applicant respectfully submits that the claims as amended herein are fully distinguished over the cited references. In view of the presently pending claims, reconsideration and allowance is respectfully requested.

As now set forth in amended claim 1, a digital signal receiver includes a reception processor operable to receive a broadcast signal and information data contained in the broadcast signal. The information data is repetitively transmitted during each of a plurality of first time periods of the broadcast signal. The digital signal receiver also includes a distributed information storage unit which is operable to obtain the received information data from the reception processor.

The distributed information storage unit includes a period separating unit and a periodizing unit. The period separating unit is operable to separate an amount of information data from the obtained information data. The separated amount of information data corresponds to an amount of the information data transmitted during a single, whole one of the first time periods.

The distributed information storage unit is also operable to store the separated amount of information data in a data storage device, and to read the stored information data from the data storage device. In such manner, the amount of

the information data corresponding to that transmitted during a single, whole first period is separated, stored and read from the data storage device.

The periodizing unit performs a different function from that of the period separating unit. The periodizing unit is operable to process the read information data into a periodic signal having a plurality of second time periods, in which the read information data is periodically contained in each of the second time periods. Thus, the periodic signal resembles the original broadcast signal from which the information data was received and stored in that both signals contain the same information data which periodically recurs in each of a plurality of time periods. (See FIG. 2, and Specification at paragraphs [0023] and [0029]).

The periodic signal is then available for the distributed information storage unit to provide to the reception processor for output of the information data contained therein using the browser.

By contrast, *Ebisawa* merely describes an audio-visual ("AV") data receiving apparatus which is operable to store AV program data and commercial messages ("CMs"). CMs can be multiplexed with the AV data or they can be transmitted on a different channel. The AV data receiving apparatus stores and inserts CMs into a display signal. Note that the notations "CM1" and "CM2" in FIGS. 5A through 5H refer to "types" (col. 11, lns. 17-19) of the commercial messages inserted into the display signal.

Unlike that recited in claims 1 and 8, *Ebisawa* does not teach that each of the inserted CMs in each time interval includes the same periodically recurring data. This is demonstrated with reference to the embodiment shown in FIG. 5B in which a CM1 is inserted in each of four intervals, and each CM1 has a duration of 30 seconds (col. 10, ln. 13). *Ebisawa*

teaches that the storing unit 207 (FIG. 4) must have capacity for storing "at least the amount of output of the CM1, that is two minutes" (col. 10, ln. 33-35), indicating that each time a CM1 is inserted, different data is read out from the storing unit 207 to do so. Thus, *Ebisawa* does not contemplate reading out the information data that was stored as a separated amount of the received information data and processing it into a periodic signal having a plurality of time periods, in which each time period contains the same information data.

In addition, neither *Ebisawa* nor *Son* teach or suggest the features as presently recited in claims 6, 7, 9, 10, or new claims 11 or 12. New claims 11 and 12 recite that the information data contained in the broadcast signal is described in a markup language. Similarly, the information data contained in the periodic signal is displayed in accordance with the markup language.

Support for the present amendments is provided, inter alia, at paragraphs [0018]-[0019], [0029], [0030], [0034], and [0054] of the specification.

As it is believed that all of the rejections set forth in the Official Action have been fully met, favorable reconsideration and allowance are earnestly solicited. If, however, for any reason the Examiner does not believe that such action can be taken at this time, it is respectfully requested that he telephone applicant's attorney at (908) 654-5000 in order to overcome any additional objections which he might have.

If there are any additional charges in connection with this requested amendment, the Examiner is authorized to charge Deposit Account No. 12-1095 therefor.

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Respectfully submitted,

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